

Gary Hale

(b) (6)

08/19/2011 04:43 PM

To Elizabeth Allen

cc Maya Gee, Stuart Turner, "ESSENEINFO@aol.com", Jae P DOUGLAS, Jan Wroncy, Karen BISHOP, Richard Kauffman, rkauffman, Scott Downey, Sheila Fleming, Eron king, Kay Morrison

bcc

Subject Re: AIR TESTING IS GETTING SET UP .....

All of the spray notices filed by the West Lane ODF office to date are listed by geographic area here:

<http://www.gaiavisions.org/notices/ODF/Reports/20110816/PlatBook/201178100001-PlatBook-4a-20110817.pdf>

The notice numbers for Weyerhaeuser fall spray in the following areas are:

T16S R7W (read as Township 16 South, Range 7 West)  
2011-781-00567  
2011-781-00571  
2011-781-00625

T16S R8W (read as Township 16 South, Range 8 West)

T17S R7W (read as Township 17 South, Range 7 West)  
2011-781-00567

T17S R8W (read as Township 17 South, Range 8 West)  
2011-781-00571  
2011-781-00572

The notices with spray maps and plans are here:

<http://www.gaiavisions.org/notices/ODF/2011-781-00567-Complete.pdf>  
<http://www.gaiavisions.org/notices/ODF/2011-781-00571-Complete.pdf>  
<http://www.gaiavisions.org/notices/ODF/2011-781-00572-Complete.pdf>  
<http://www.gaiavisions.org/notices/ODF/2011-781-00625-Complete.pdf>

Take care,

-Gary

Gary Hale Digital Services

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On 08/19/2011 04:18 PM, Allen.Elizabeth@epamail.epa.gov wrote:

> Maya,

>

> I haven't seen a spray notification for 2011, but the notifications from  
> 2006-2010 are remarkably consistent in listing essentially the same 10  
> herbicides. From the information you've provided, it appears the  
> samples you're having collected will be analyzed using EPA Method TO-4A,  
> which also has the catchy title of "Determination of Pesticides and  
> Polychlorinated Biphenyls in Ambient Air Using High Volume Polyurethane  
> Foam (PUF) Sampling Followed by Gas Chromatographic/Multi-Detector

> Detection (GC/MD)." Here are the herbicides listed in the  
> notifications:  
>  
> Atrazine  
> Hexazinone  
> Imazapyr  
> Sulfometuron methyl  
> Metsulfuron methyl  
> 2,4-D  
> Clopyralid  
> Glyphosate  
> Triclopyr  
> Aminopyralid  
> Picloram  
>  
> Only atrazine and 2,4-D are on the analyte list for TO-4A, and I suspect  
> that no one single method can analyze for that entire list, though I'll  
> defer to our chemists. Richard forwarded the information from Air  
> Toxics. They are a very good lab, but the analyte list they provided  
> for TO-4A appears abbreviated. I've attached the table of target  
> analytes from EPA's documentation of the method description. Most of  
> the chemicals you'll see on that list are chlorinated insecticides. So  
> at this point, it appears that of the herbicides, only atrazine and  
> 2,4-D are detectable by Method TO-4A, unless Air Toxics has further  
> developed the method (Air Toxics is a very good lab). And from your  
> description of the spray notifications from Weyerhaeuser, they don't  
> intend to apply atrazine and 2,4-D.  
>  
> One other thing to consider. I've looked at a few studies designed to  
> characterize vapor concentrations of various pesticides in air at  
> locations not immediately adjacent to ongoing applications. They've  
> been detected, though the detections were typically in the very low  
> (i.e., less than 10) nanograms per cubic meter range. Unless active  
> spraying is occurring or has just taken place, it might be necessary to  
> obtain pretty low detection limits. One of the problems associated with  
> sampling for these herbicides is that they have fairly low vapor  
> pressures. That doesn't mean they don't volatilize, and that certain  
> conditions don't facilitate volatilization better than others, but at  
> typical equilibrium conditions, vapor-phase concentrations are likely  
> fairly low. We're looking at using samplers that contain a XAD resin  
> and can be left out for perhaps a month, in order to be able to measure  
> airborne concentrations that occur during not only during any spray  
> events, as well as what we expect to be lower concentrations in-between  
> sprays.  
>  
> We would be happy to have a phone call with you next week to discuss  
> some of the sampling issues with you. I don't mean to imply that EPA  
> would necessarily be able to use the data you collect in any official  
> manner, but we certainly are interested in ensuring that any data you  
> decide to collect is as usable for your purposes as it can be.  
>  
> Elizabeth  
> (See attached file: to-4ar2r 35.pdf)  
>  
> Elizabeth Allen  
> Risk Evaluation Unit , Office of Environmental Assessment  
> US Environmental Protection Agency, Region 10  
> 1200 Sixth Ave, Suite 900  
> Seattle, WA 98101  
>

> 206-553-1807  
> allen.elizabeth@epa.gov  
>  
>  
>  
>  
> From: Maya Gee (b) (6)  
> To: Richard Kauffman/R10/USEPA/US@EPA  
> Cc: Stuart Turner<agforensic@aol.com>, Elizabeth  
> Allen/R10/USEPA/US@EPA, "ESSENEINFO@aol.com"  
> <esseneinfo@aol.com>, Gary Hale (b) (6), Jae P  
> DOUGLAS<jae.p.douglas@state.or.us>, Jan Wroncy  
> (b) (6), Karen BISHOP  
> <karen.bishop@state.or.us>, rkauffman@cdc.gov, Scott  
> Downey/R10/USEPA/US@EPA, Sheila Fleming/R10/USEPA/US@EPA,  
> Eron king (b) (6)  
> Date: 08/18/2011 06:22 PM  
> Subject: Re: AIR TESTING IS GETTING SET UP .....

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>  
>  
> Richard and all,  
>  
> I trust you got the reply to your question from Stu.  
> I notice he did not include everyone on the reply ,so if you would not  
> mind forwarding please.  
> I will find out what method the chosen lab will use for testing the  
> samples.  
> We are scheduled to do our base line test on Thursday of next week.  
> It takes 24 hour to complete the test.  
> And will be sent chain of custody to the lab.  
> We are thinking of having testing done every month at least until end of  
> winter,maybe unto spring and fall of 2012 ,because we believe that we  
> are getting a constant low dosage exposure ,due to the persistence of  
> these poisons in the Environment and THE REVOLATALIZATION.  
> Our urine winter (off spray "season") samples are what guided us to  
> conclude.  
>  
> FYI,Weyerhaeuser has listed way to many chemicals on their ODF  
> notification,without the Atrazine and 2,4 -D ,ONLY for the area of OHA  
> study!  
> It is done on purpose.  
>  
> To the EPA folk ,  
> I trust in the choices of chemicals we'll be guided to test for by the  
> team we hired ,but am curious, if you were to perform an air study  
> (looking at the list of chemicals listed on the ODF spray notices for  
> this fall) ,which chemicals would you test for?  
>  
> Thank you so much for your advice,  
> Maya and Dan  
>  
> P.S. We agree with Day Owen that it is very important that the  
> consideration of how much time one being tested spends at home ,and we  
> want to add HOW MUCH TIME THEY SPEND OUTSIDE?  
> In Dr.Danna Barr's study Dan ,who spends most of his time outside  
> working on our farm had the highest level of 2,4-D in his urine out of  
> all tested in the group!I spend time outside more than other people on  
> the group ,but have had lower levels than some long term residents.  
> Both Dan and I are on a vigorous all natural detox cleanse at this

> point.  
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> On Thu, Aug 18, 2011 at 12:02 PM, <Kauffman.Richard@epamail.epa.gov>  
> wrote:  
> Maya,  
>  
> Would you be willing to share your sampling plan? It would be helpful  
> to know which herbicides you are targeting, how long the sampling  
> devices will be deployed, and what method the lab is going to run to  
> analyze the samples.  
>  
> Richard  
>  
> CAPT Richard R. Kauffman, M.S.  
> Senior Regional Representative  
> Agency for Toxic Substances & Disease Registry  
> 1200 6th Ave., ATS-197  
> Seattle, WA 98101  
> Cell (b) (6)  
> Office (206) 553-2632  
> www.atsdr.cdc.gov  
> fax (206) 553-2142  
> RKauffman@cdc.gov  
>  
>  
>  
> From: Maya Gee (b) (6)  
> To: Richard Kauffman/R10/USEPA/US@EPA, Stuart Turner  
> <agforensic@aol.com>  
> Cc: "ESSENEINFO@aol.com" <esseneinfo@aol.com>, Gary Hale  
> (b) (6), Jae P DOUGLAS  
> <jae.p.douglas@state.or.us>, Jan Wroncy (b) (6)  
> >,  
> Karen BISHOP <karen.bishop@state.or.us>, rkauffman@cdc.gov,  
> Eron King (b) (6), Elizabeth  
> Allen/R10/USEPA/US@EPA, Sheila Fleming/R10/USEPA/US@EPA,  
> Scott Downey/R10/USEPA/US@EPA  
> Date: 08/18/2011 11:45 AM  
> Subject: Re: AIR TESTING IS GETTING SET UP .....

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>  
> Thank you Richard!  
> We are welcoming all inquiries , tips ,guidance from EPA's team.  
> We are very open to your involvement to what ever degree you wish.  
>  
> All of the equipment has arrived and we are getting the schedule set  
> up  
> with Stu Turner, who is setting the air samplers up for us.  
> At this point it looks like they will be set up next week.  
> Please include him in the conversation as well.  
> Thanks again,  
> Maya  
>  
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>  
> On Thu, Aug 18, 2011 at 9:50 AM, <Kauffman.Richard@epamail.epa.gov>  
> wrote:

> Hello, Maya,

>  
> I raised the topic of your air sampling plan in a meeting with EPA  
> this  
> morning, and if you would find it helpful, EPA has offered to have  
> their  
> sampling experts take a look at your plan and provide any relevant  
> advice. I have copied Sheila, Elizabeth, and Scott on this message.

>  
> Richard

>  
> CAPT Richard R. Kauffman, M.S.  
> Senior Regional Representative  
> Agency for Toxic Substances & Disease Registry  
> 1200 6th Ave., ATS-197  
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> From: Maya Gee (b) (6)  
> To: <rkauffman@cdc.gov>, Jae P DOUGLAS  
> <jae.p.douglas@state.or.us>, Karen BISHOP  
> <karen.bishop@state.or.us>  
> Cc: "ESSENEINFO@aol.com" <esseneinfo@aol.com>, Eron king  
> (b) (6), Gary Hale (b) (6), Jan  
> Wroncy (b) (6)  
> Date: 08/09/2011 10:34 AM  
> Subject: AIR TESTING IS GETTING SET UP .....

>  
>  
> Hi all,  
> Just to up date Richard, Jae and Karen,  
> We are hiring a professional to set up ,calibrate our air testing  
> units ,that will be set up at couple different locations at the home  
> sites of people tested positive with Timber industry poison  
> pesticides.  
> We are using state of the art equipment, that EPA uses.

>  
>  
> TE-1000PUF..... complete system  
> TE-5040 PUF calibration kit.  
> TE-QMA4 micro-quartz media  
> TE-1009...glass cartridge w/ steel screens.  
> Will be set up by a professional, all done legitimately.  
> We'll have a base sampling done first.  
> We are looking forward to share this information with you!  
> Thanks,  
> Dan and Maya  
> p.s. We are taking charge to test the most important element ,since  
> we

> know that AIR is the MAIN pathway that our families are being  
> sickened  
> by the constant low pesticide exposure ,through revolatalization of  
> poison soaked mountains,even months and years after so called spray  
> "season".  
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